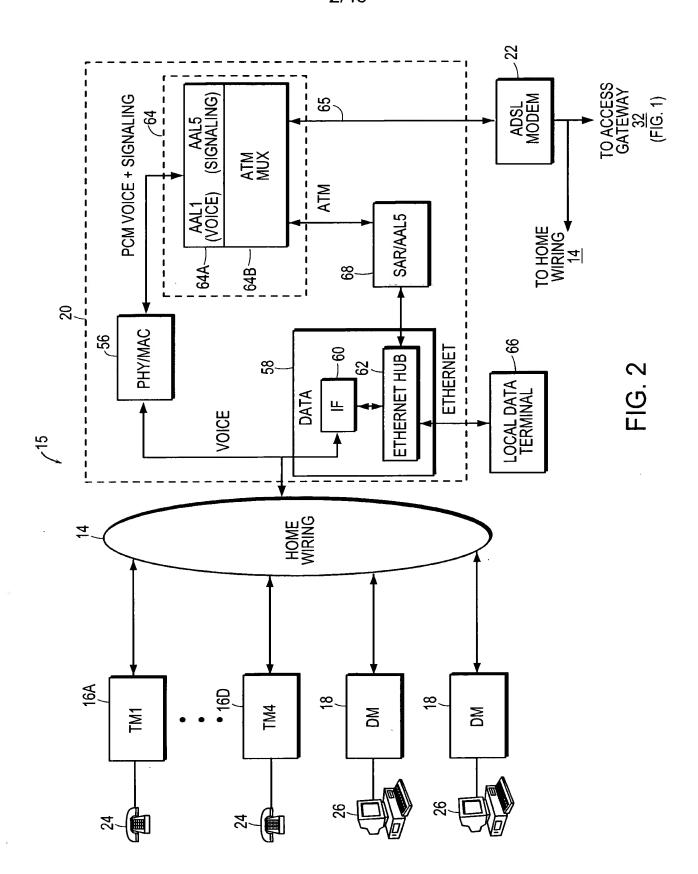
Appl'n No.: 09/724,303 Title: Virtual Loop Carrier System With Network . . . Denis Claveloux, et al. Inventors: Replacement Sheet 1/45 20 **PSTN** 32 DSLAM DSLAM 34 30 30 8

Title: Virtual Loop Carrier System With Network . . .

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Title: Virtual Loop Carrier System With Network . . .

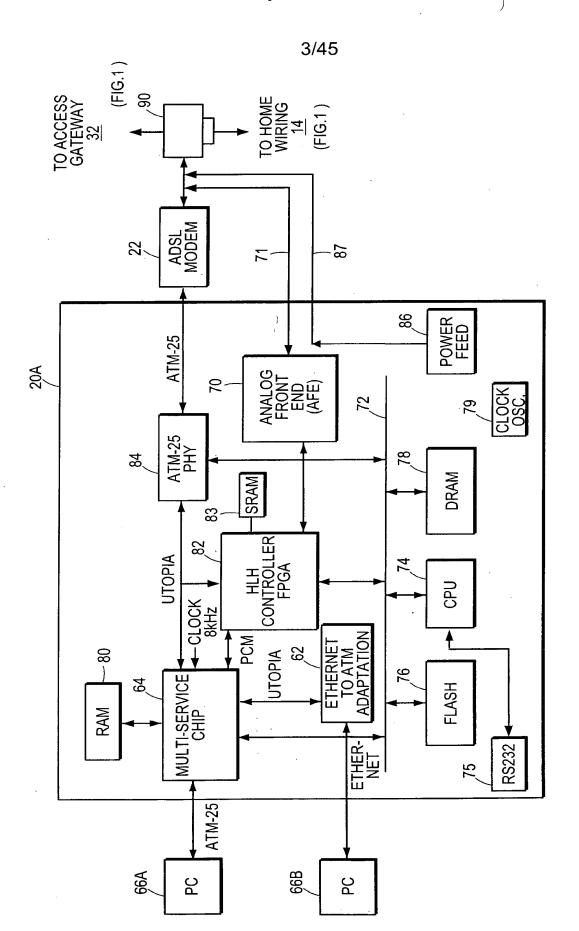


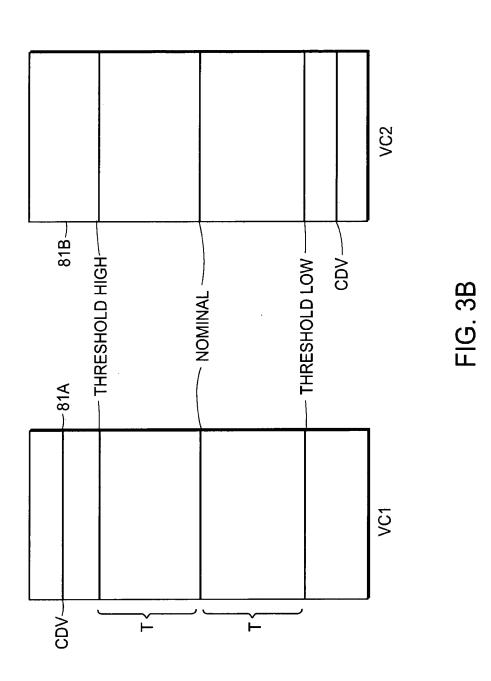
FIG. 3A

Title: Virtual Loop Carrier System With Network . . .

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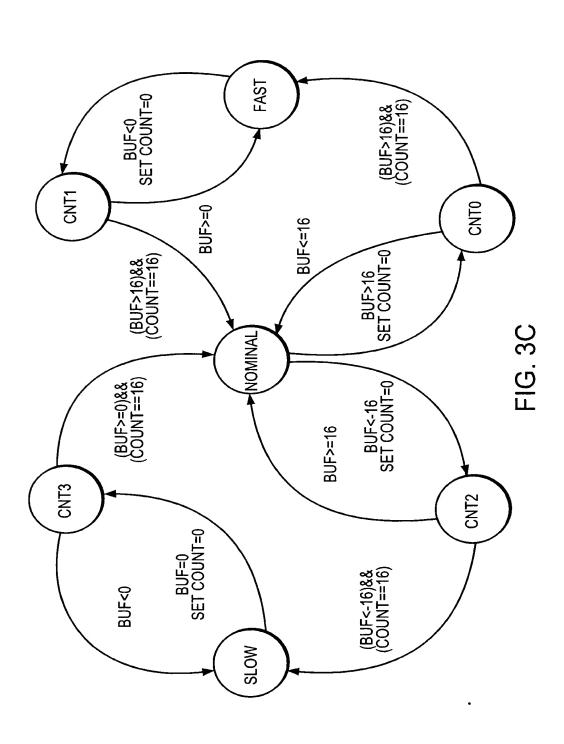
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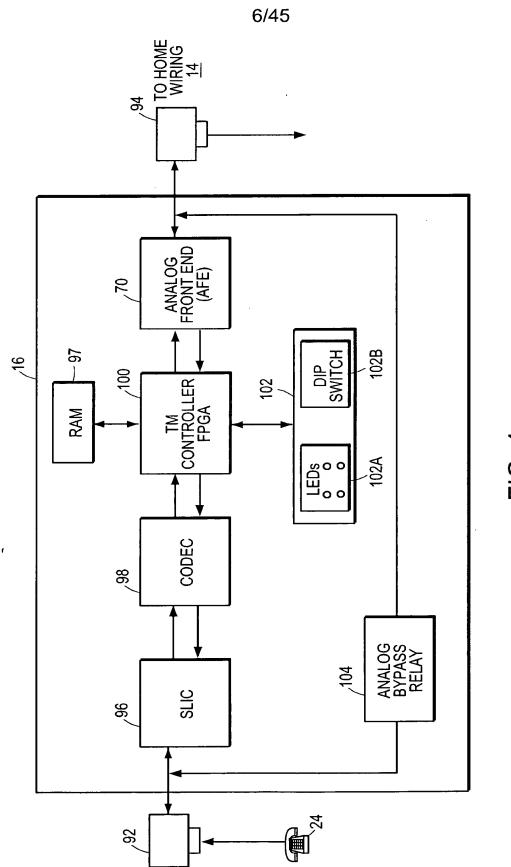


Title: Virtual Loop Carrier System With Network . . .

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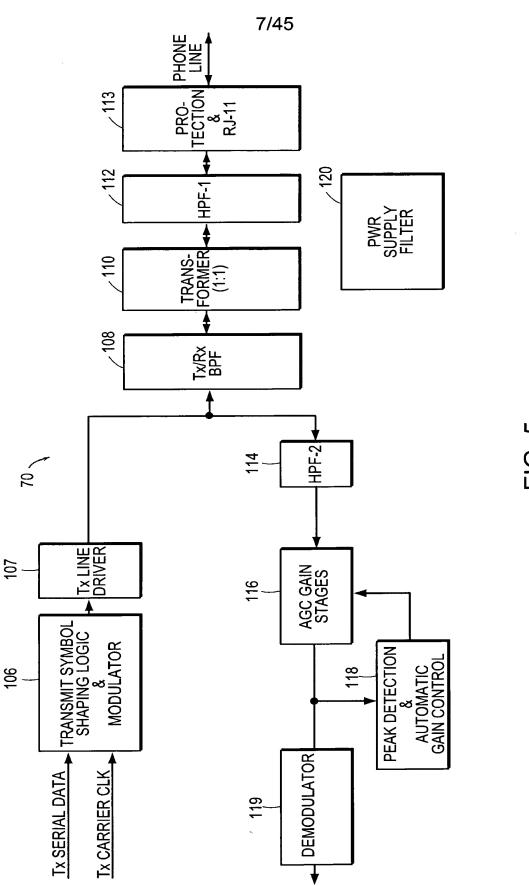
Appl'n No.: 09/724,303
Title: Virtual Loop Carrier System With Network . . .
Inventors: Denis Claveloux, et al. Replacement Sheet



Title: Virtual Loop Carrier System With Network . . .

Inventors:

Denis Claveloux, et al. Replacement Sheet

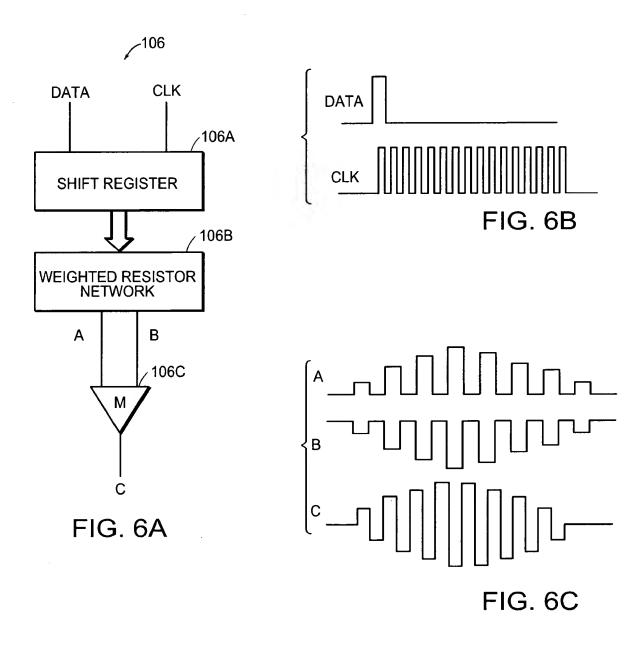


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Title: Virtual Loop Carrier System With Network . . .

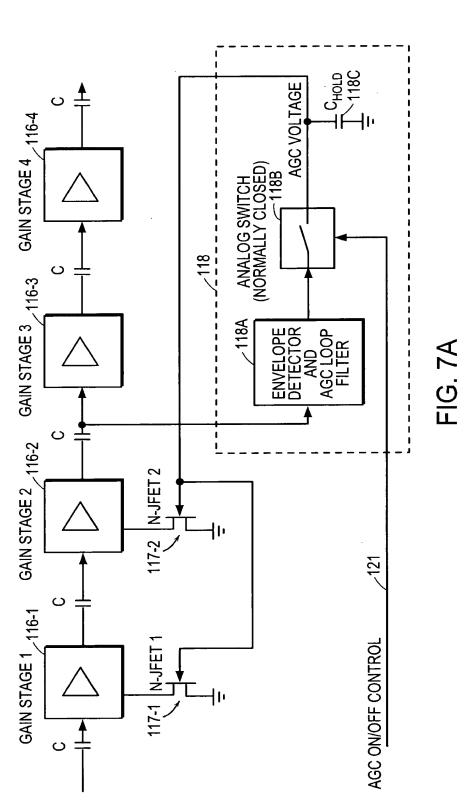
Inventors: I

Denis Claveloux, et al. Replacement Sheet



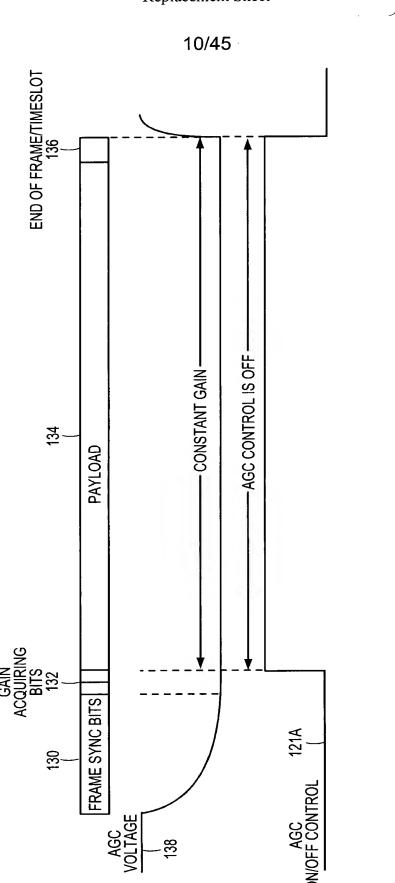
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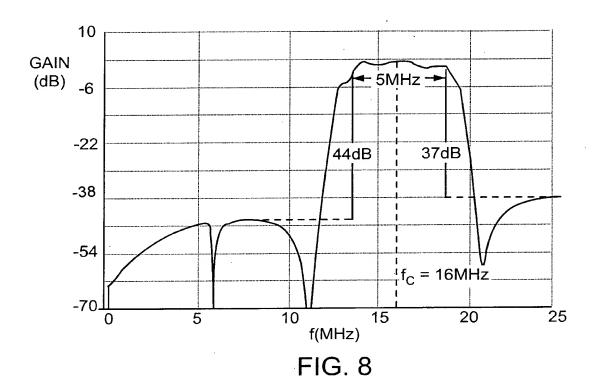
Title: Virtual Loop Carrier System With Network . . . Inventors: Denis Claveloux, et al.

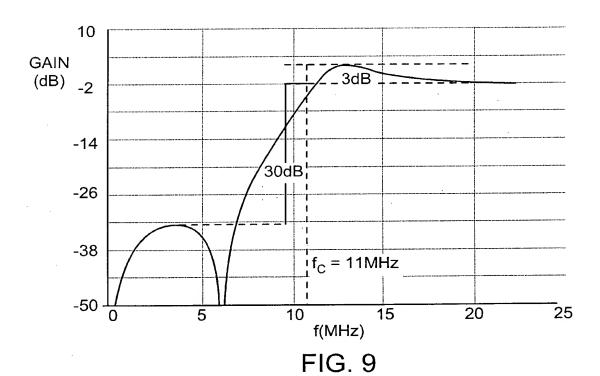
Replacement Sheet



Title: Virtual Loop Carrier System With Network . . .

Inventors: Denis Claveloux, et al. Replacement Sheet





Title: Virtual Loop Carrier System With Network . . .

Inventors: Denis Claveloux, et al. Replacement Sheet

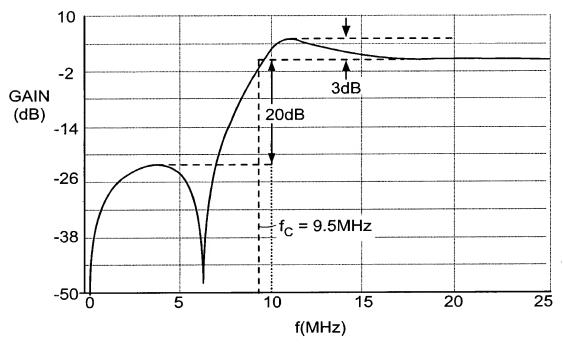


FIG. 10

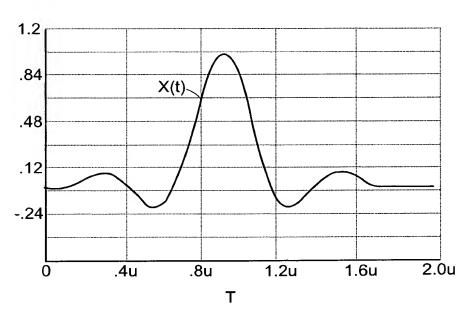


FIG. 11

Title: Virtual Loop Carrier System With Network . . .

Inventors: Denis Claveloux, et al.
Replacement Sheet

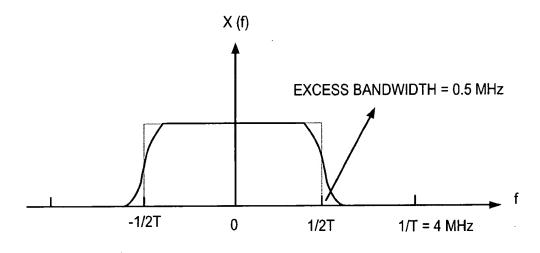


FIG. 12

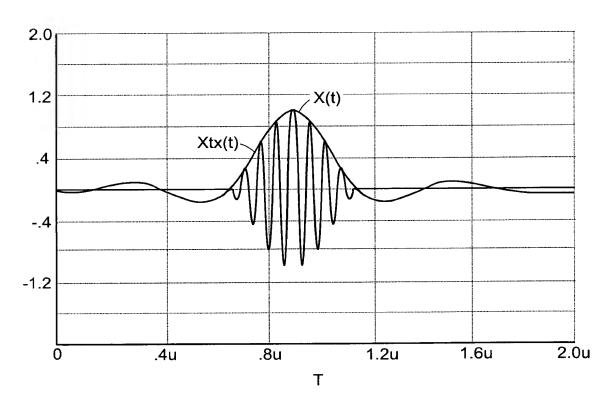
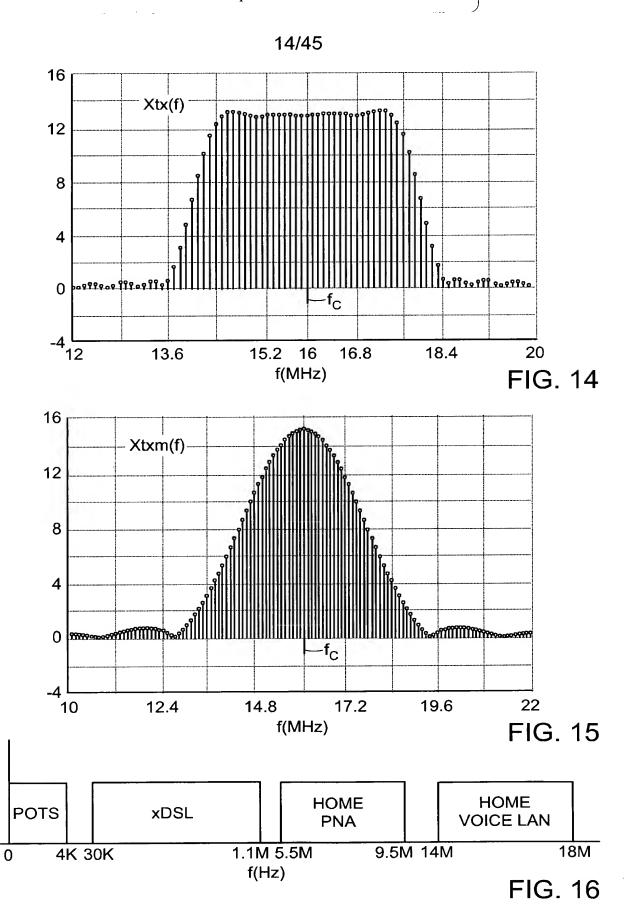
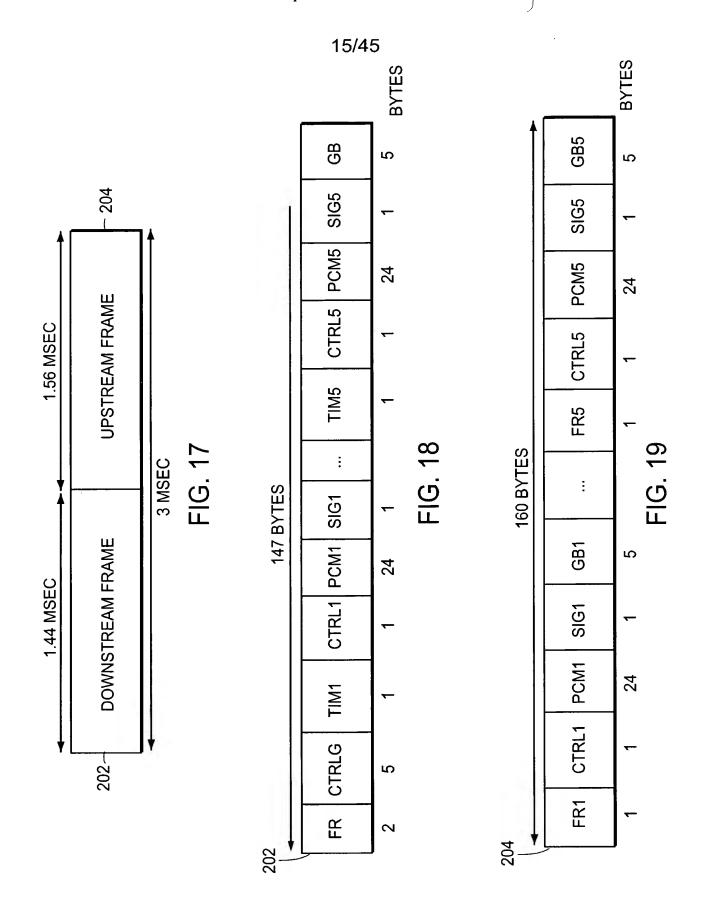


FIG. 13

Title: Virtual Loop Carrier System With Network . . .



Title: Virtual Loop Carrier System With Network . . .



Title: Virtual Loop Carrier System With Network . . .

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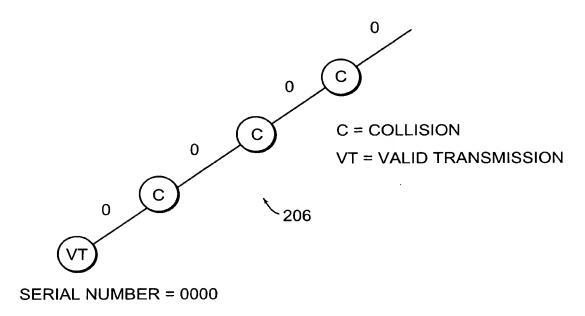


FIG. 20

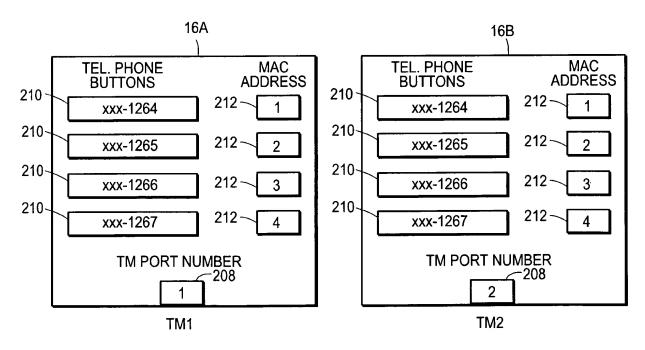


FIG. 21

Title: Virtual Loop Carrier System With Network . . .

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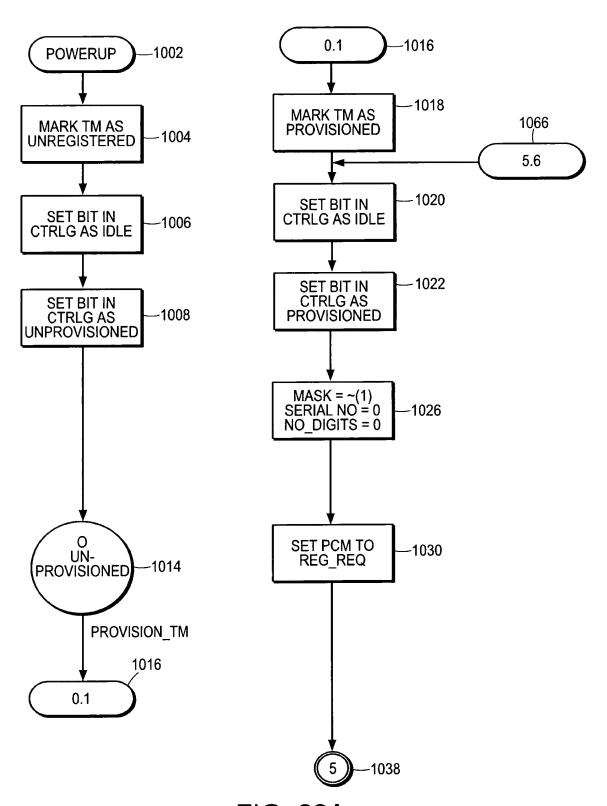


FIG. 22A

Title: Virtual Loop Carrier System With Network . . .

Inventors: Denis Claveloux, et al. Replacement Sheet

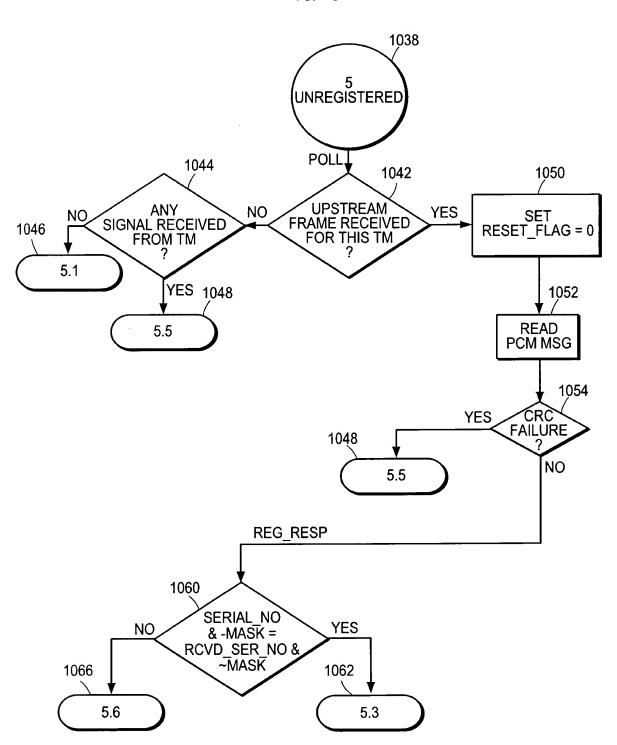


FIG. 22B

Title: Virtual Loop Carrier System With Network . . .

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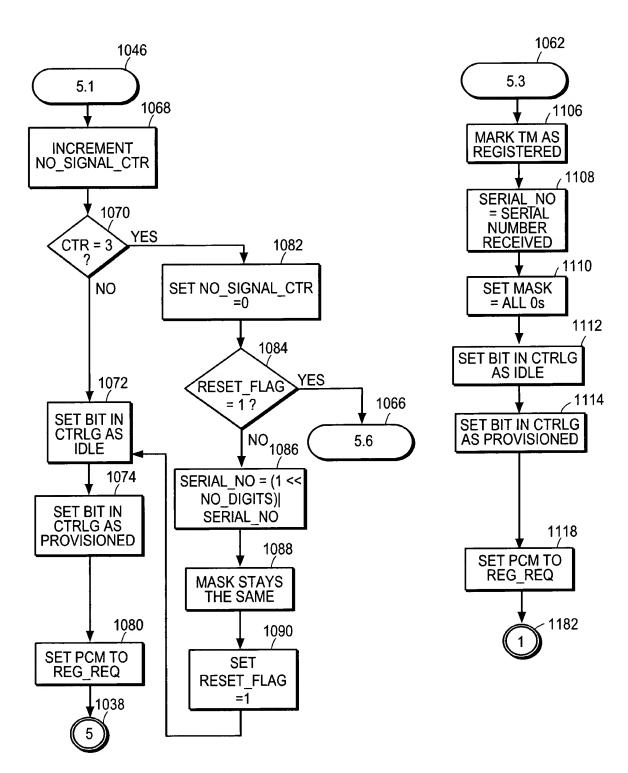


FIG. 22C

Title: Virtual Loop Carrier System With Network . . .

Inventors: Denis Claveloux, et al. Replacement Sheet

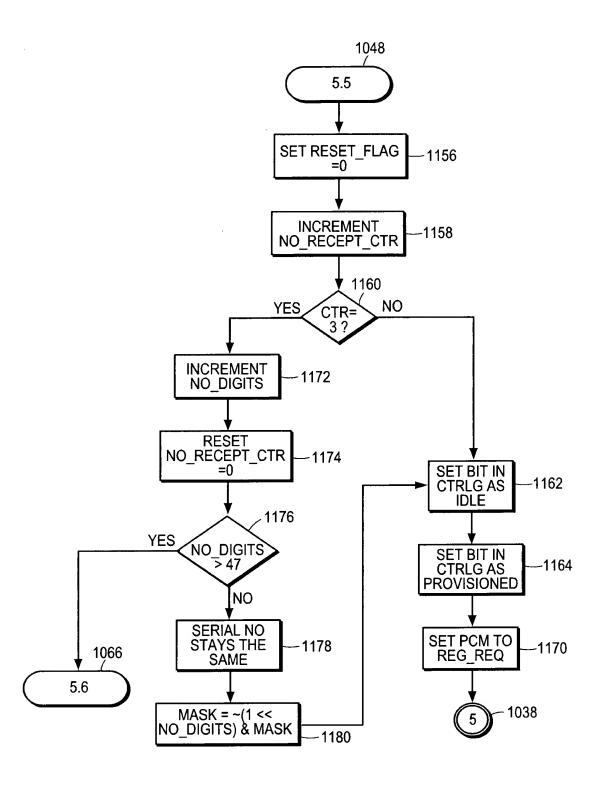


FIG. 22D

Title: Virtual Loop Carrier System With Network . . .

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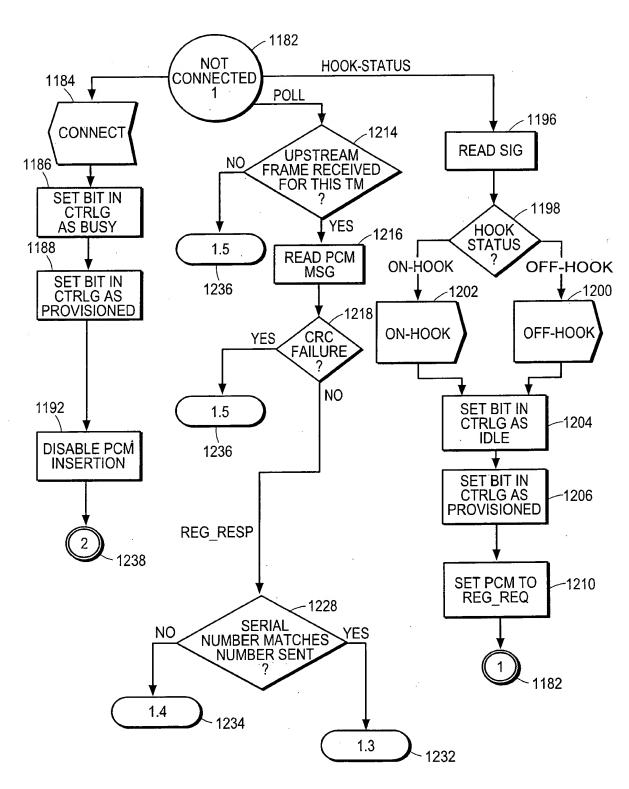


FIG. 22E

Title: Virtual Loop Carrier System With Network . . .

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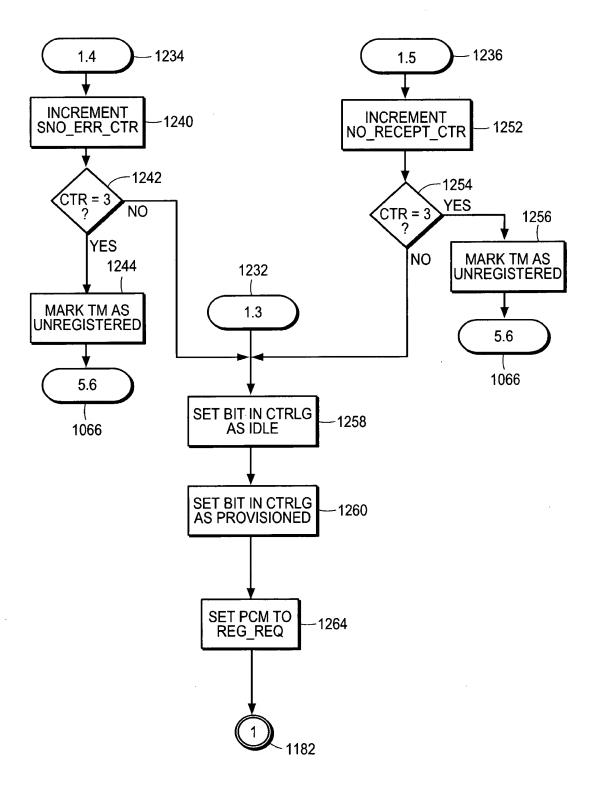


FIG. 22F

Title: Virtual Loop Carrier System With Network . . .

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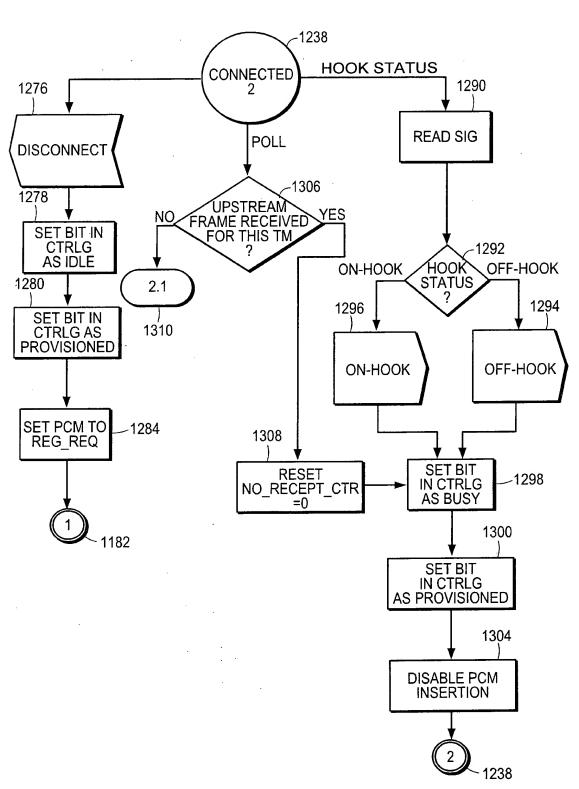


FIG. 22G

Title: Virtual Loop Carrier System With Network . . .

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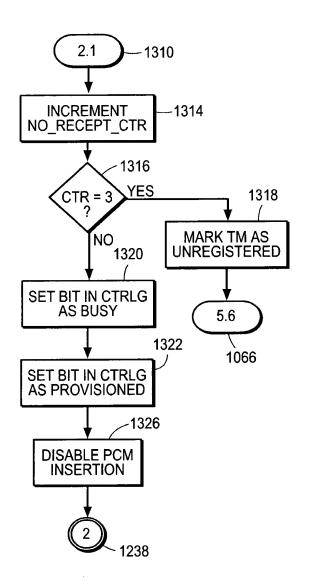
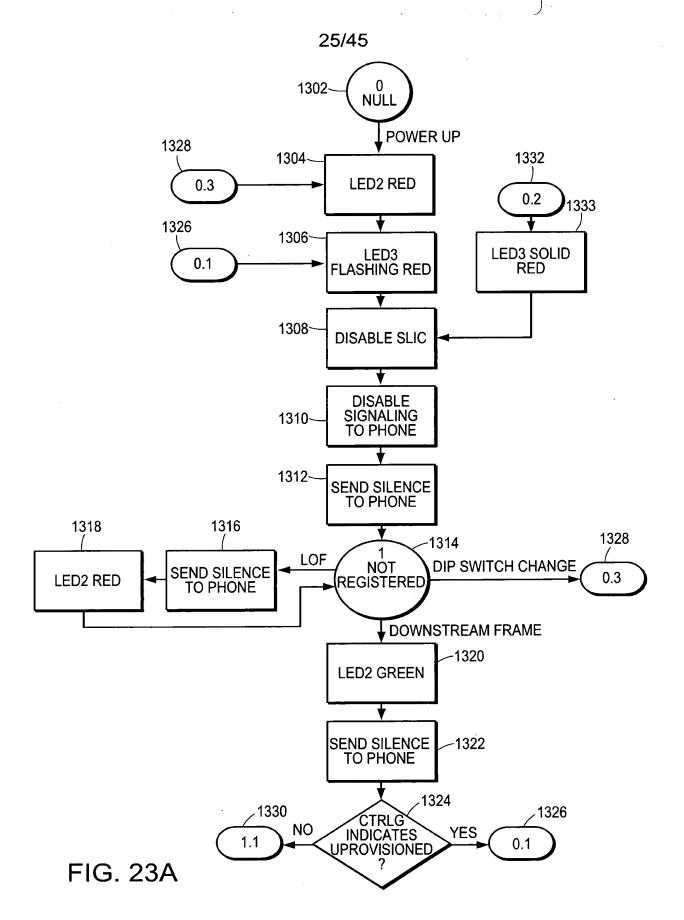


FIG. 22H

Title: Virtual Loop Carrier System With Network . . .



Title: Virtual Loop Carrier System With Network . . .

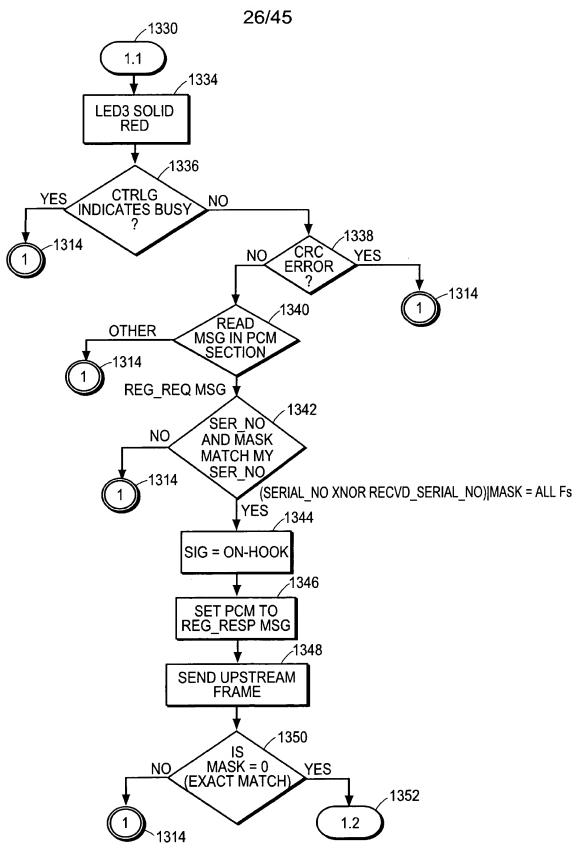


FIG. 23B

Title: Virtual Loop Carrier System With Network . . .



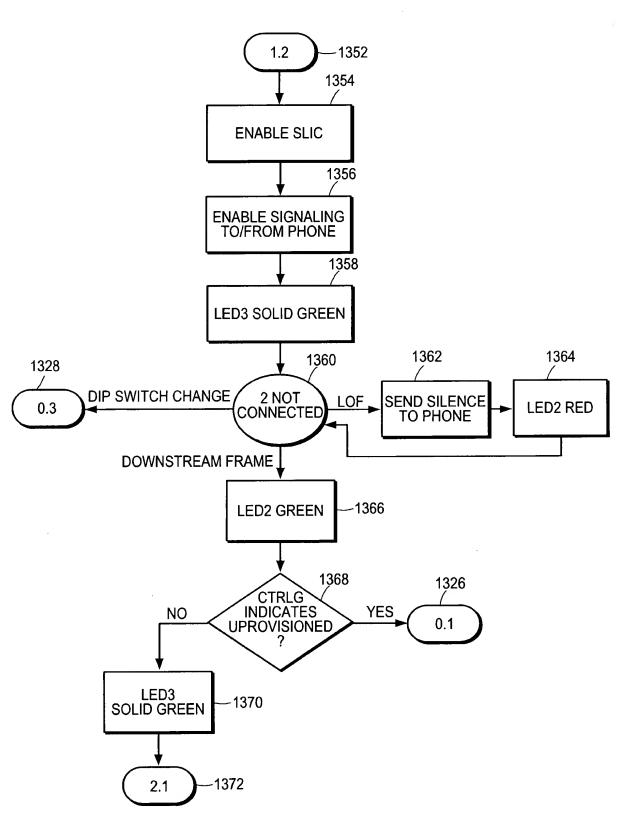
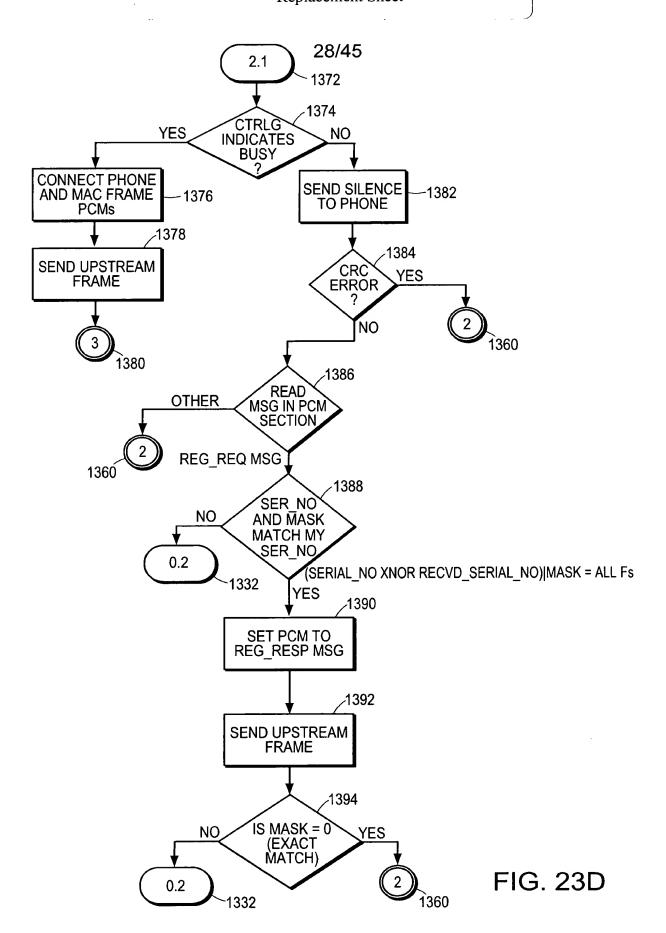
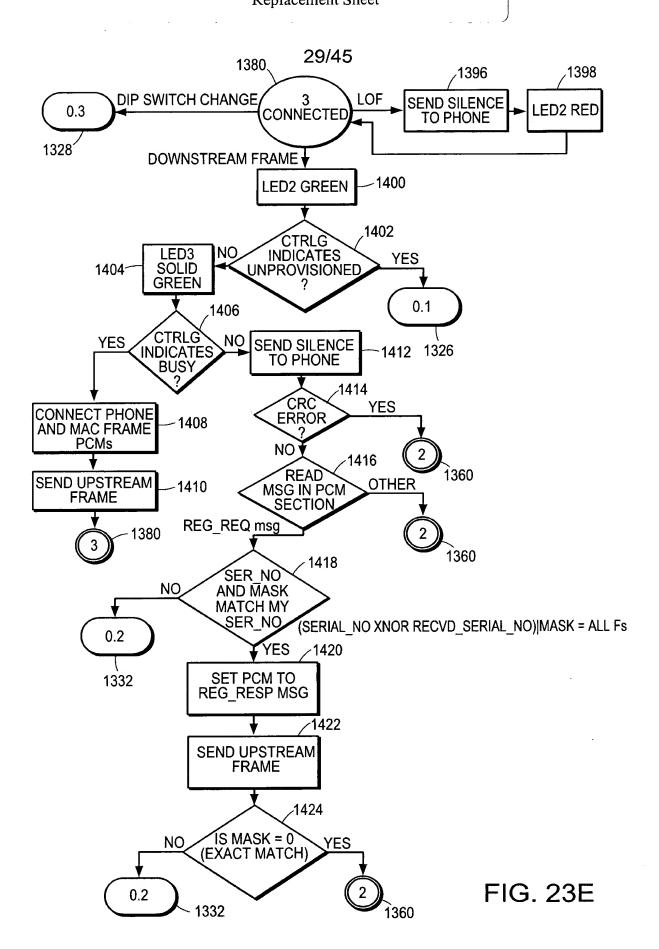


FIG. 23C

Title: Virtual Loop Carrier System With Network . . .



Title: Virtual Loop Carrier System With Network . . .



Title: Virtual Loop Carrier System With Network . . .

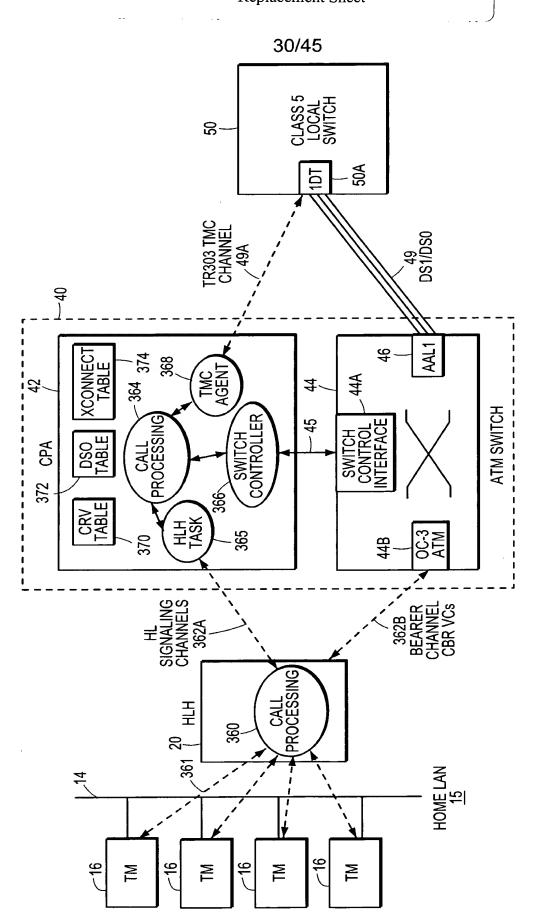
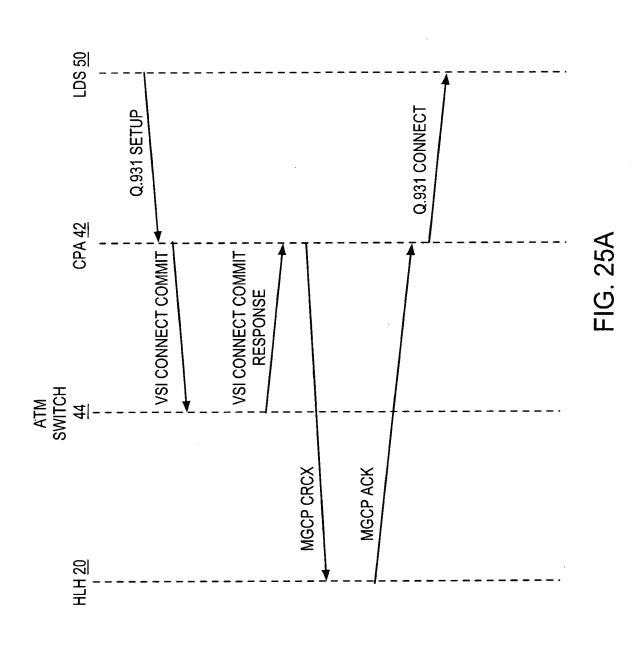


FIG. 24

Title: Virtual Loop Carrier System With Network . . . Inventors: Denis Claveloux, et al.

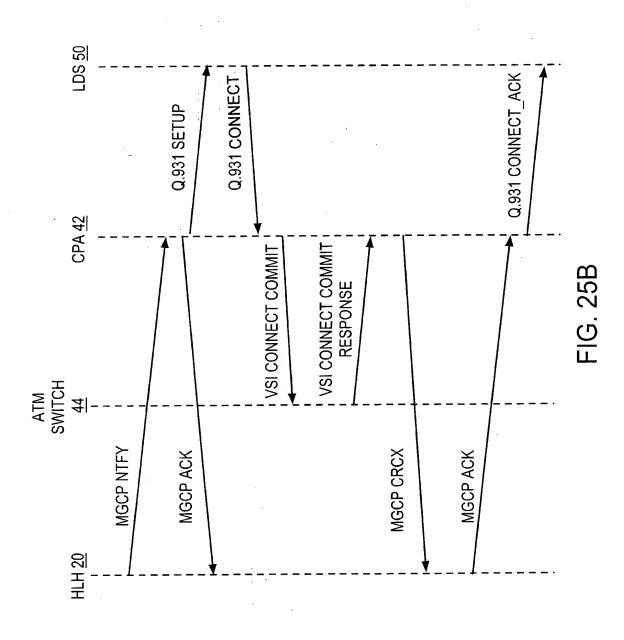
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Title: Virtual Loop Carrier System With Network . . .

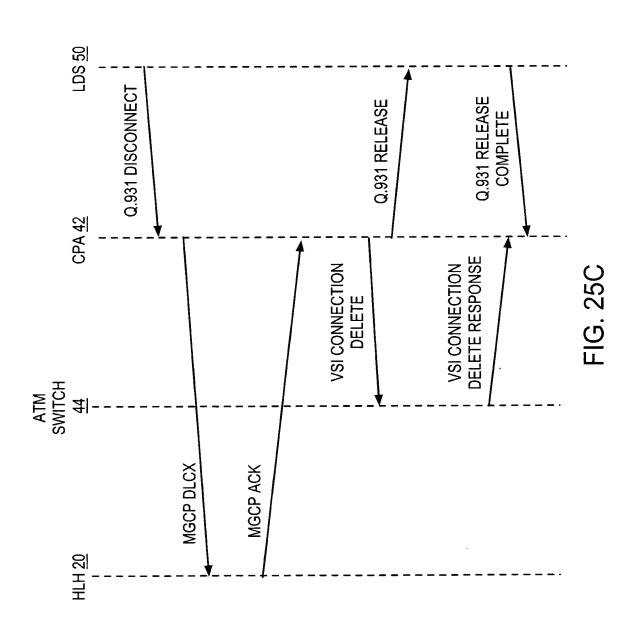
Inventors: Denis Claveloux, et al.
Replacement Sheet



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Title: Virtual Loop Carrier System With Network . . .

Denis Claveloux, et al. Inventors: Replacement Sheet

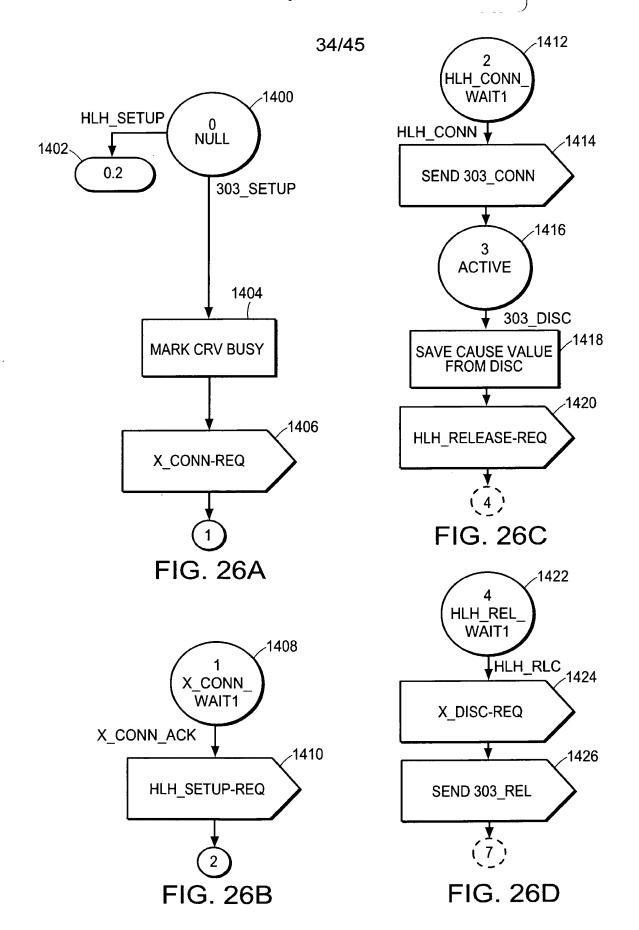
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Title: Virtual Loop Carrier System With Network . . .

Inventors: Denis Claveloux, et al.

Replacement Sheet



Title: Virtual Loop Carrier System With Network . . .

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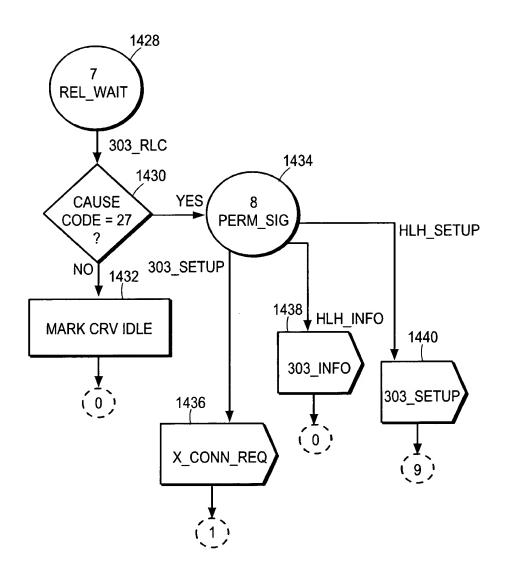


FIG. 26E

Title: Virtual Loop Carrier System With Network . . .

Inventors: Denis Claveloux, et al.

Replacement Sheet

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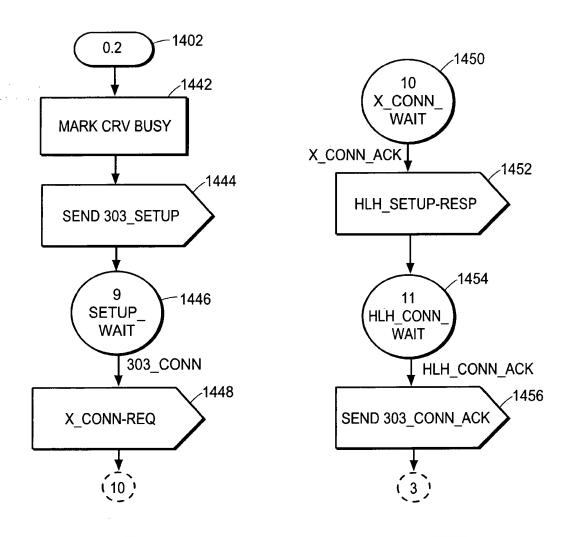


FIG. 26F

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FIG. 26G

Title: Virtual Loop Carrier System With Network . . .

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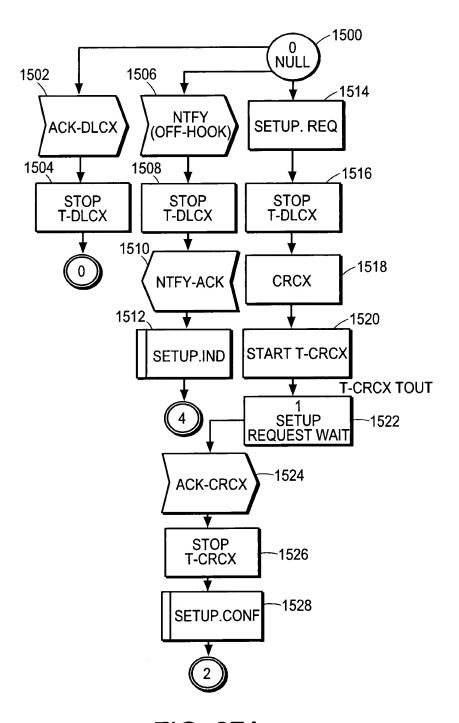
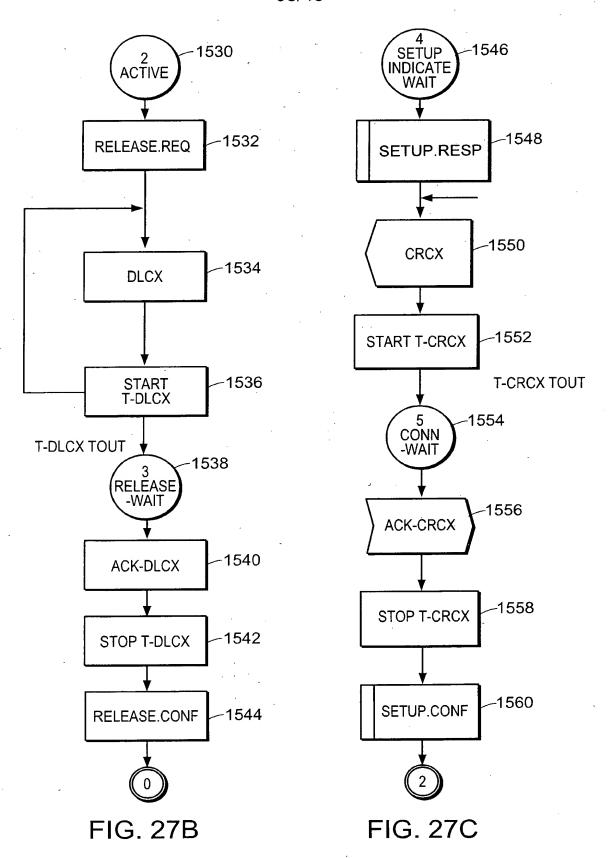


FIG. 27A

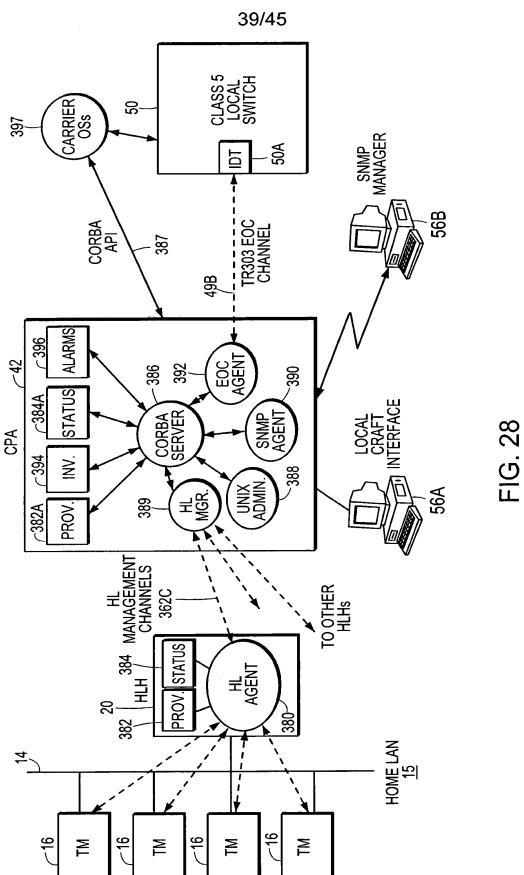
Title: Virtual Loop Carrier System With Network . . .

Inventors: Denis Claveloux, et al. Replacement Sheet



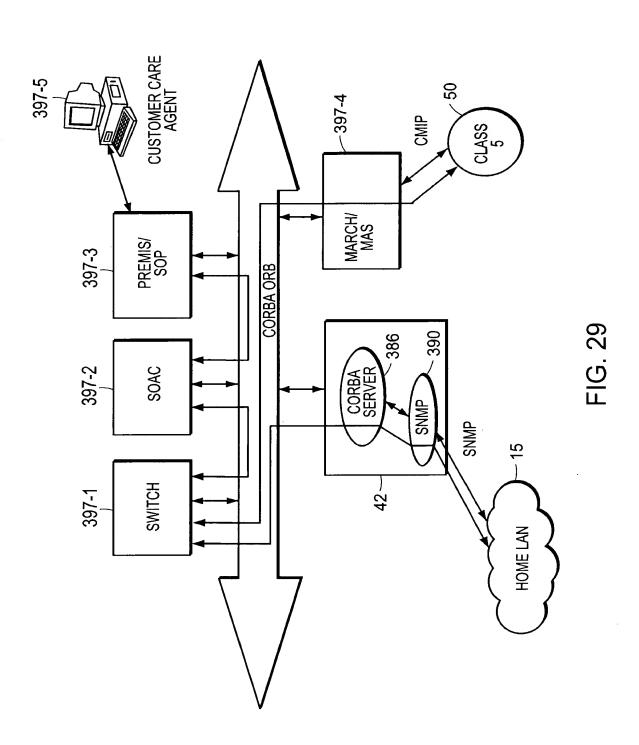
Title: Virtual Loop Carrier System With Network . . .

Denis Claveloux, et al. Inventors: Replacement Sheet



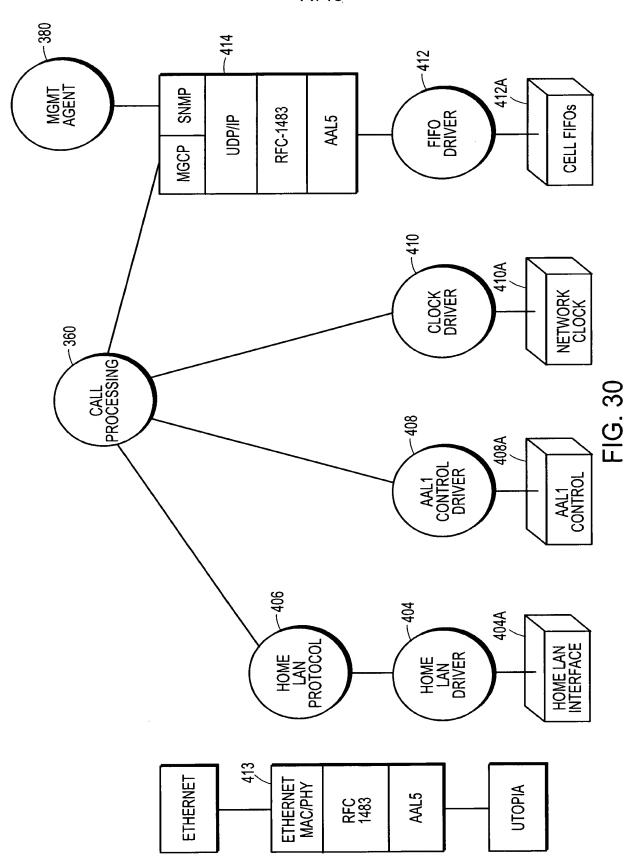
Title: Virtual Loop Carrier System With Network . . .
Inventors: Denis Claveloux, et al. Replacement Sheet

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Title: Virtual Loop Carrier System With Network . . .

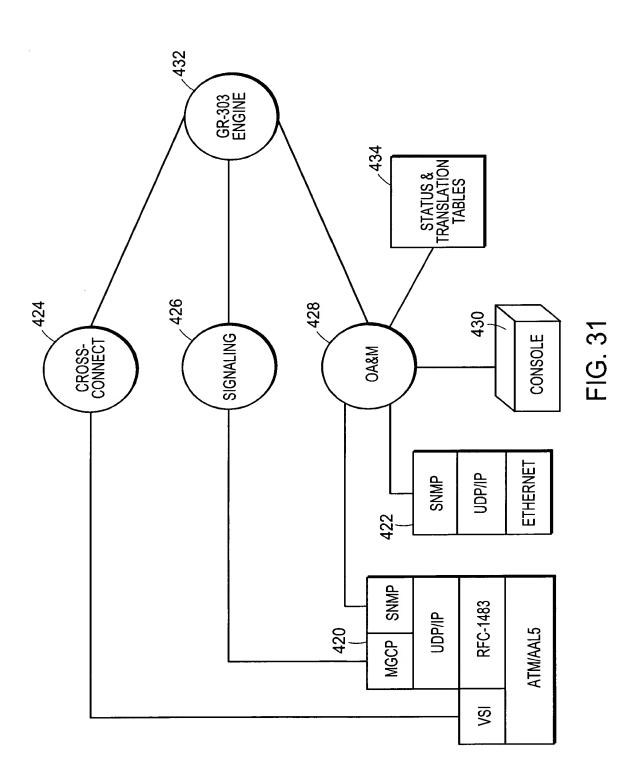
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Title: Virtual Loop Carrier System With Network . . . Inventors: Denis Claveloux, et al.

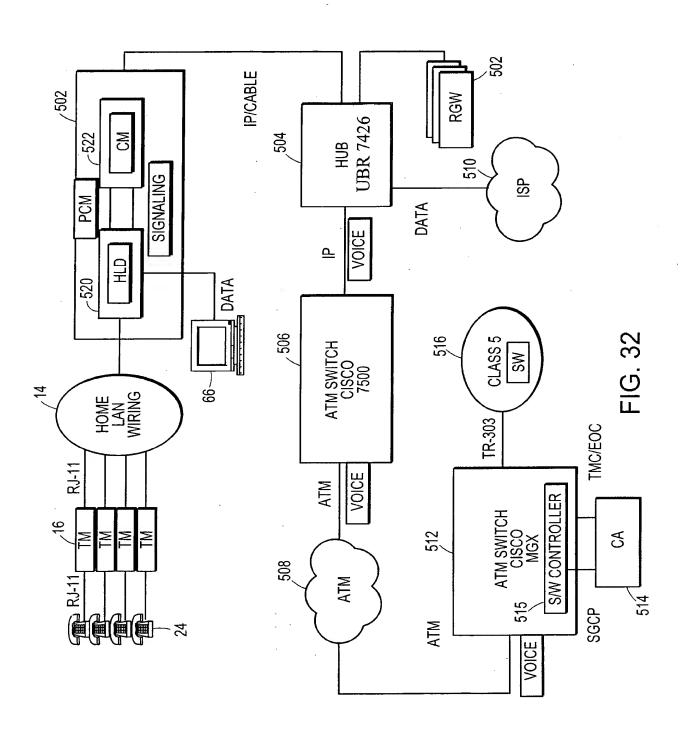
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Title: Virtual Loop Carrier System With Network . . .

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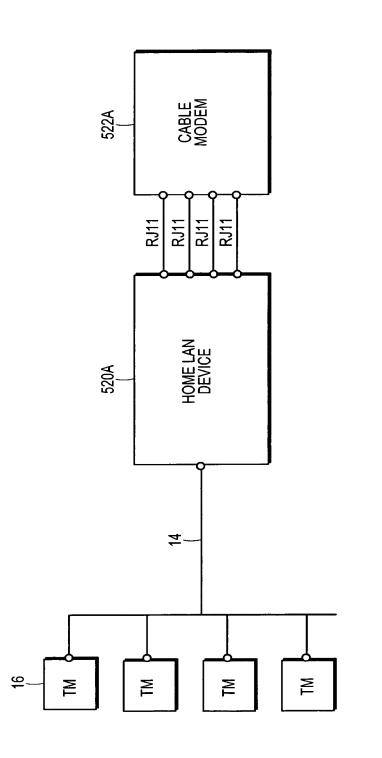


FIG. 33

Title: Virtual Loop Carrier System With Network . . .

Inventors: Denis Claveloux, et al. Replacement Sheet

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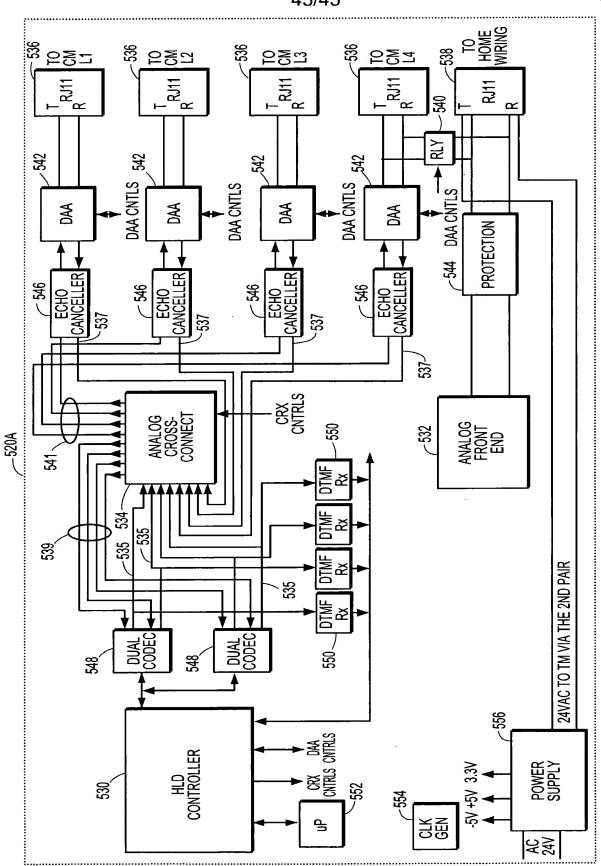


FIG 34